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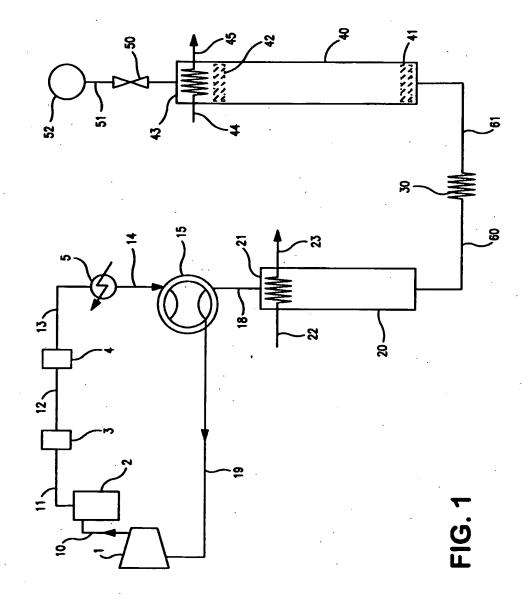
| APPLICATION NO.           | FILING DATE                | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.       | CONFIRMATION NO. |
|---------------------------|----------------------------|----------------------|---------------------------|------------------|
| 10/810,803                | 03/29/2004                 | Bayram Arman         | D-21397                   | 9781             |
| 27182<br>PRAXAIR, IN      | 7590 04/11/2007            |                      | EXAMINER                  |                  |
| LAW DEPARTMENT - M1 557   |                            |                      | DOERRLER, WILLIAM CHARLES |                  |
| 39 OLD RIDG<br>DANBURY, C | EBURY ROAD<br>T 06810-5113 |                      | ART UNIT PAPER NUMBER     |                  |
| , .                       |                            |                      | 3744                      |                  |
|                           |                            |                      |                           |                  |
|                           |                            |                      | MAIL DATE                 | DELIVERY MODE    |
|                           |                            |                      | 04/11/2007                | PAPER            |

Please find below and/or attached an Office communication concerning this application or proceeding.

| ·   |   |   | $\epsilon$ |
|---|---|---|------------|
| Supplemental  | Application No.   | Applicant(s)  |            |
|   | 10/810,803  | ARMAN ET AL   |            |
| Notice of Allowability  | Examiner  | Art Unit  |            |
|   | William C. Doerrier   | 3744  |            |
| - The MAILING DATE of this communication app<br>All claims being allowable, PROSECUTION ON THE MERITS IS<br>herewith (or previously mailed), a Notice of Allowance (PTOL-85<br>NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R<br>of the Office or upon petition by the applicant. See 37 CFR 1.313 | (OR REMAINS) CLOSED in t<br>) or other appropriate commun<br>RIGHTS. This application is su | his application. If not included<br>ication will be mailed in due cou | rse. THIS  |
| 1. A This communication is responsive to the 3-26-2007 substi   | itute specification and new dra   | wings.  |            |
| 2. The allowed claim(s) is/are 1.2 and 5-7.   |   |   |            |
| 3. ☐ Acknowledgment is made of a claim for foreign priority u  a) ☐ All b) ☐ Some* c) ☐ None of the:  |   | <b>(f)</b> .  |            |
| 1. Certified copies of the priority documents have  |   |   |            |
| 2. Certified copies of the priority documents have  | • •   |   |            |
| 3. Copies of the certified copies of the priority do  | ocuments have been received i   | n this national stage application                                     | from the   |
| International Bureau (PCT Rule 17.2(a)).  |   |   |            |
| * Certified copies not received:  |   |   |            |
| Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.   |   | reply complying with the require                                      | ements     |
| 4. A SUBSTITUTE OATH OR DECLARATION must be subm<br>INFORMAL PATENT APPLICATION (PTO-152) which giv   |   |   | CE OF      |
| 5. CORRECTED DRAWINGS ( as "replacement sheets") must   | st be submitted.  |   |            |
| (a) I including changes required by the Notice of Draftspers  | son's Patent Drawing Review (   | PTO-948) attached   |            |
| 1)  hereto or 2)  to Paper No./Mail Date  |   |   |            |
| (b) including changes required by the attached Examiner<br>Paper No./Mail Date  | s Amendment / Comment or in   | the Office action of  |            |
| Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t  |   |   | k) of      |
| <ol> <li>DEPOSIT OF and/or INFORMATION about the depo<br/>attached Examiner's comment regarding REQUIREMENT</li> </ol>  |   |   | the .      |
|   | •   | ,   |            |
|   |   |   |            |
|   |   |   |            |
| · <u>.</u>  |   | •   |            |
| Attachment(s) 1. ☐ Notice of References Cited (PTO-892)   | 5 D Notice of Infor   | mal Patent Application  |            |
| <ul><li>2. ☐ Notice of Traftperson's Patent Drawing Review (PTO-948)</li></ul>  | 6. ☐ Interview Sum  | •                               |            |
|   | Paper No./Ma  | ail Date  |            |
| <ol> <li>Information Disclosure Statements (PTO/SB/08),<br/>Paper No./Mail Date</li> </ol>  | 7.   Examiner's Ar  | nendment/Comment  |            |
| 4. Examiner's Comment Regarding Requirement for Deposit   | 8.   Examiner's St  | atement of Reasons for Allowan  | ce .       |
| of Biological Material  | 9. 🗍 Other  | William C Doerrler Primary Examiner                                   | el         |
| ·   |   | Art Unit: 3744  |            |

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REPLACEMENT SHEET
METHOD FOR OPERATING A CRYOCOOLER USING
TEMPERATURE TRENDING MONITORING
Bayram Arman et al.
Serial No. 10/810,803; Group Art Unit. 3744
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NEW SHEET
METHOD FOR OPERATING A CRYOCOOLER USING
TEMPERATURE TRENDING MONITORING
Bayram Arman et al.
Serial No. 10/810,803; Group Art Unit 3744
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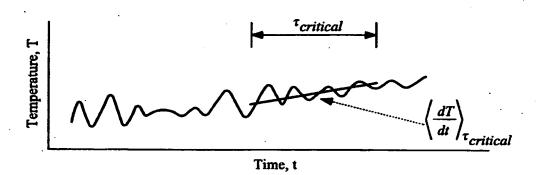


FIG. 2

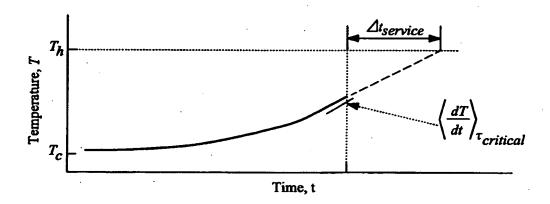


FIG. 3

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NEW SHEET
METHOD FOR OPERATING A CRYOCOOLER USING
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Bayram Arman et al.
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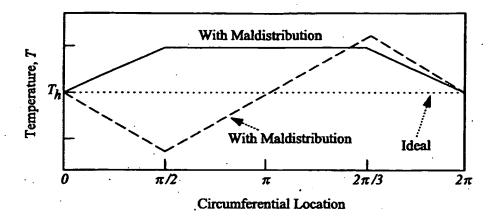


FIG. 4

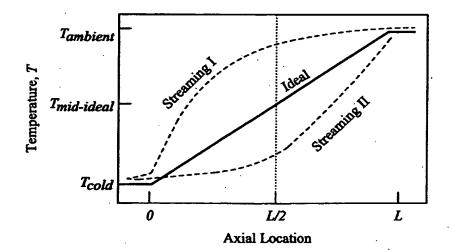
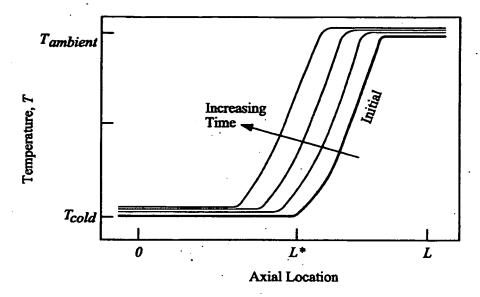


FIG. 5

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TEMPERATURE TRENDING MONITORING
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FIG. 6

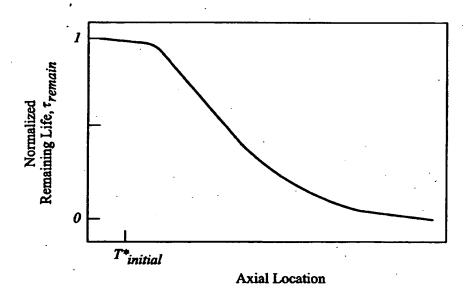


FIG. 7